

4-12-05

PATENT / DOCKET NO. 24061.32
CUSTOMER NO. 000027683

IFW 2824
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Chin Lin, et al.,
Patent No.: 10/678,699

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Group Art Unit: 2824

Examiner: Nguyen, Dang T.

Filed: October 3, 2003

For: MULTI-SENSING LEVEL MRAM STRUCTURE
WITH DIFFERENT MAGNETO-RESISTANCE RATIOS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed for filing is an Amendment in the above-identified application.

- [] Small entity status of this application has been established by a previously submitted verified statement under 37 C.F.R. §§ 1.9 and 1.27.
[] A verified statement to establish small entity status under 37 C.F.R. § 1.9 and § 1.27 is enclosed.
[] No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDIT FEE	OR	RATE	ADDIT FEE
TOTAL	32	minus	26	=	5	x25	\$	OR	x 50	\$250
INDEP	4	minus	3	=	1	x 100	\$	OR	x 200	\$200
[]	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ 180	\$	OR	+ 360	\$
						TOTAL	\$	OR	TOTAL	\$450

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- [] Please charge Haynes and Boone, LLP Deposit Account No. 08-1394 in the amount of \$_____.
[X] A check in the amount of \$ 450.00 is attached.
[X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Haynes and Boone, LLP Deposit Account No. 08-1394.
[X] Any additional filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.
[X] Any patent application processing fees under 37 C.F.R. § 1.17.
[X] A copy of this sheet is enclosed.

Respectfully submitted,

Dave R. Hoffman
Reg. No. 55,272

Date: 4/11/05
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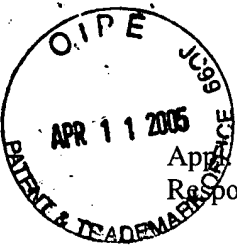
DATE OF DEPOSIT: April 11, 2005

This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Karen L. Underwood

Name of person mailing paper and fee

Signature of person mailing paper and fee



App. No. 10/678,699
Response to Office Action of January 11, 2005

Patent/Docket No. 24061.32
Customer No. 000042717

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Wen Chin Lin and Denny D. Tang

Serial No.: 10/678,699

Filed: October 3, 2003

For: MULTI-SENSING LEVEL MRAM
STRUCTURE WITH DIFFERENT
MAGNETO-RESISTANCE RATIOS

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§ Group Art Unit: 2824
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§ Examiner: Nguyen, Dang T.
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§ Confirmation No.: 9863
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Mail Stop Amendment
Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO OFFICE ACTION MAILED JANUARY 11, 2005

I. Introductory Comments

The present paper is being submitted in response to the Office Action mailed January 11, 2005.

The amendments to the claims presented herein includes the addition of one (1) new independent claim and five (5) new dependent claims. Consequently, pursuant to 37 C.F.R. §1.16, a check in the amount of \$450 is submitted herewith.

No other fees, including extension of time fees, are believed necessary for consideration of the present paper. However, if any other fees are necessary, including extension of time fees, the extension of time is hereby requested, and the Commissioner is hereby authorized to charge any fees, including those for the extension of time, to Haynes and Boone, LLP's Deposit Account No. 08-1394.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

04/13/2005 AWONDAF1 00000048 10678699

01 FC:1201 200.00 OP
02 FC:1202 250.00 OP